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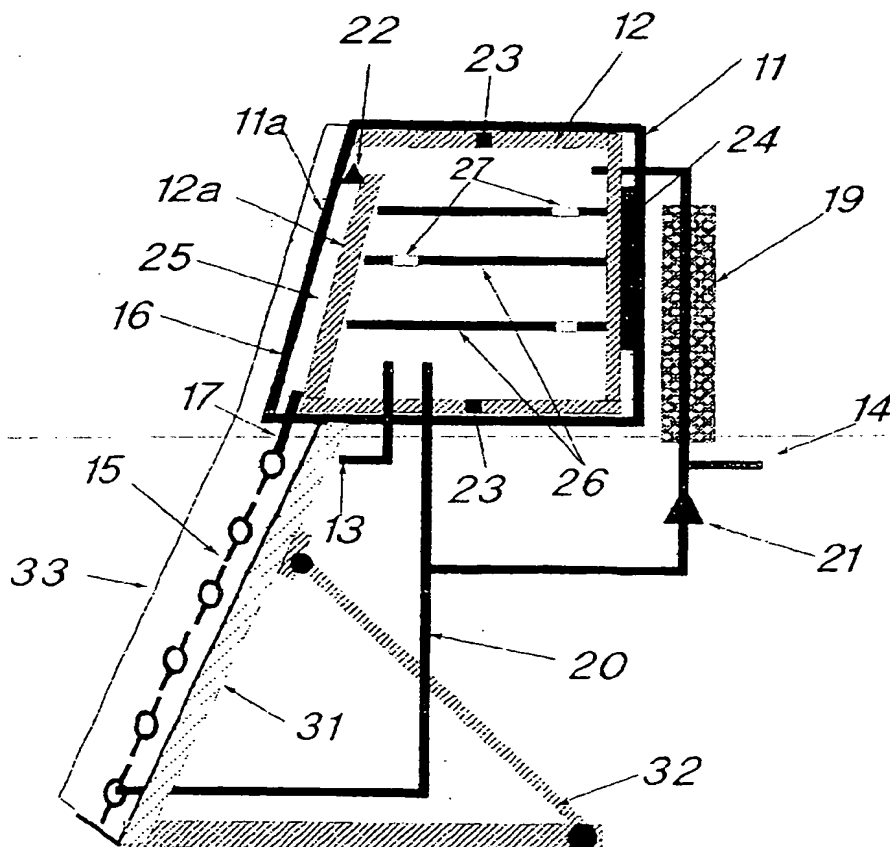
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(54) Title: SOLAR WATER HEATER



(57) Abstract: An integral storage-collector solar water-heating system comprising a tank (11) and two absorbers (15,16). The water circulation goes from the bottom of the tank through a fine-tube absorber plate (15), which is located between a transparent cover exposed to the sun and an insulated plate. The heated water passes through a second absorber (16) that heats them to a usage temperature and cause them flows into the tank's space. The second absorber is created between the exposed wall of the tank, by a grid of tunnels that are grooved in a thermally insulated layer (12) that are attached to the inside walls of the tank.

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